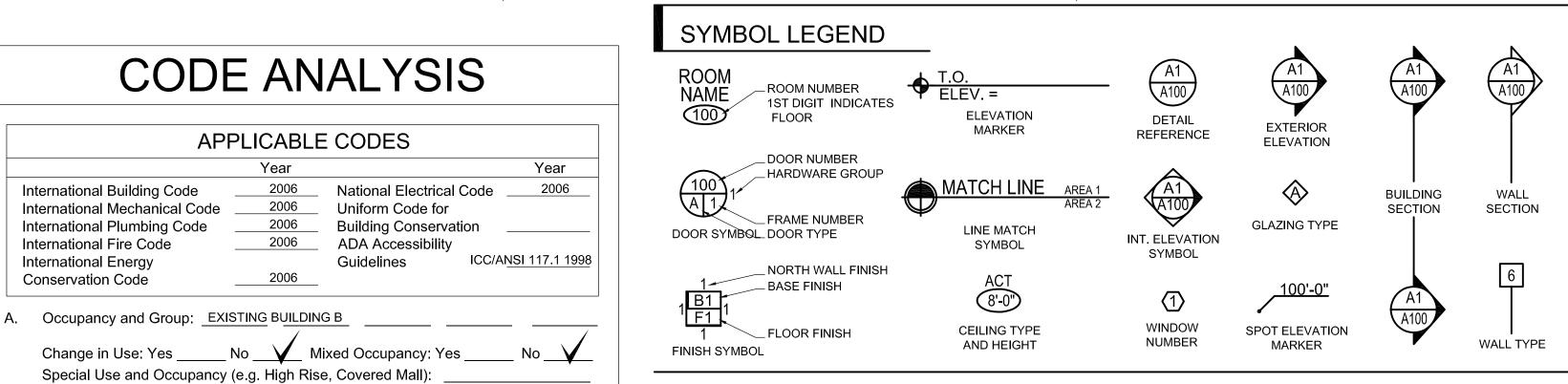
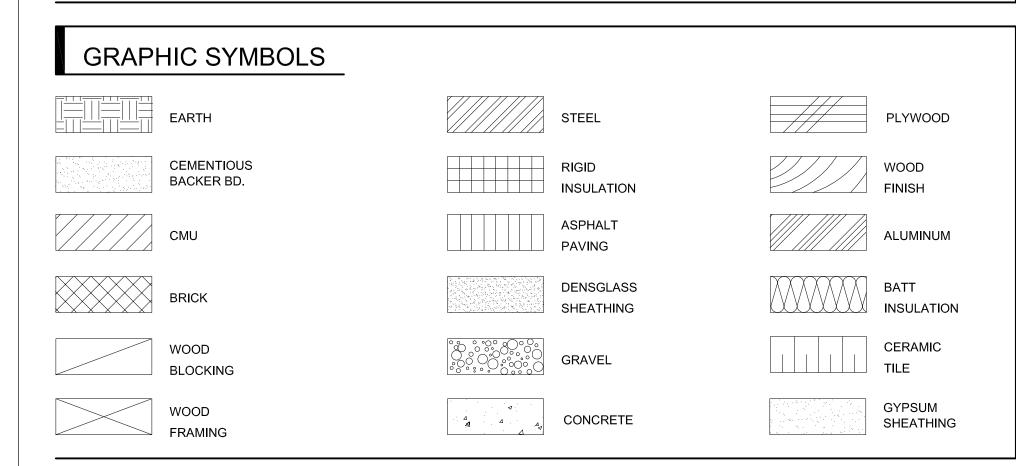
Axis Job # 0716-DFCM

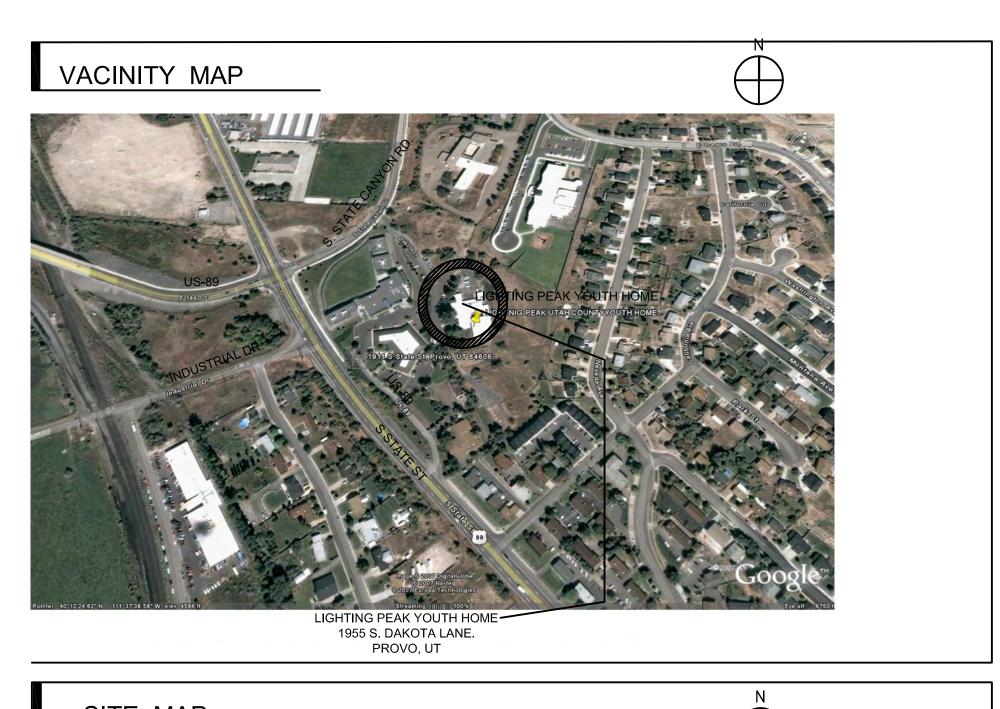
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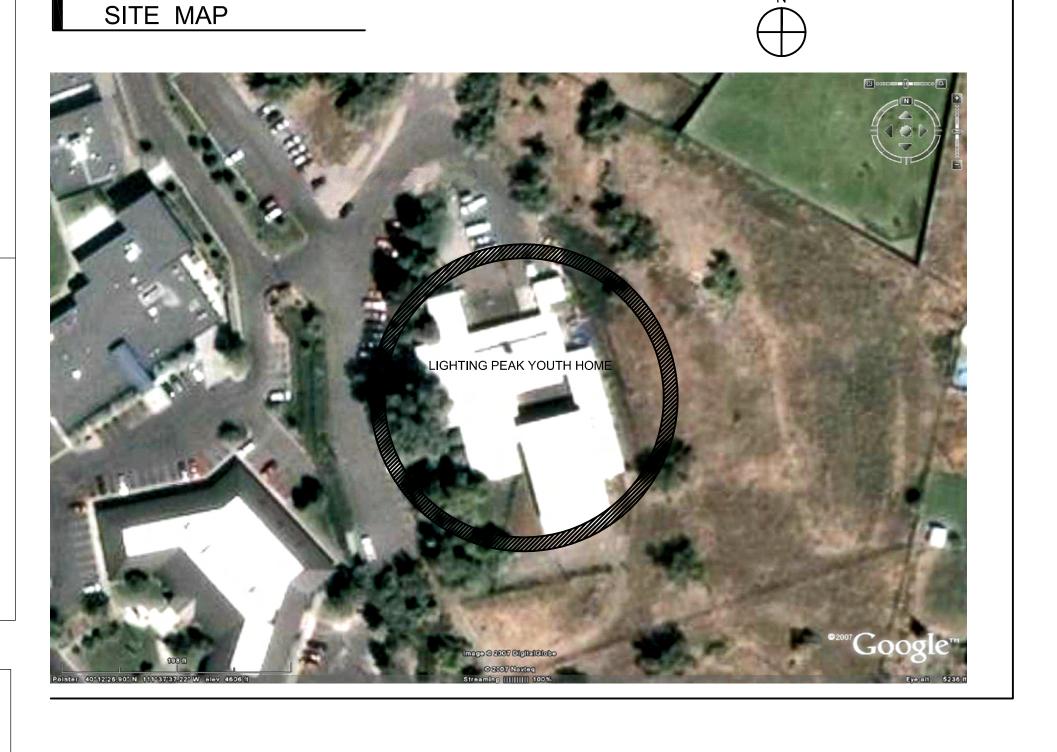
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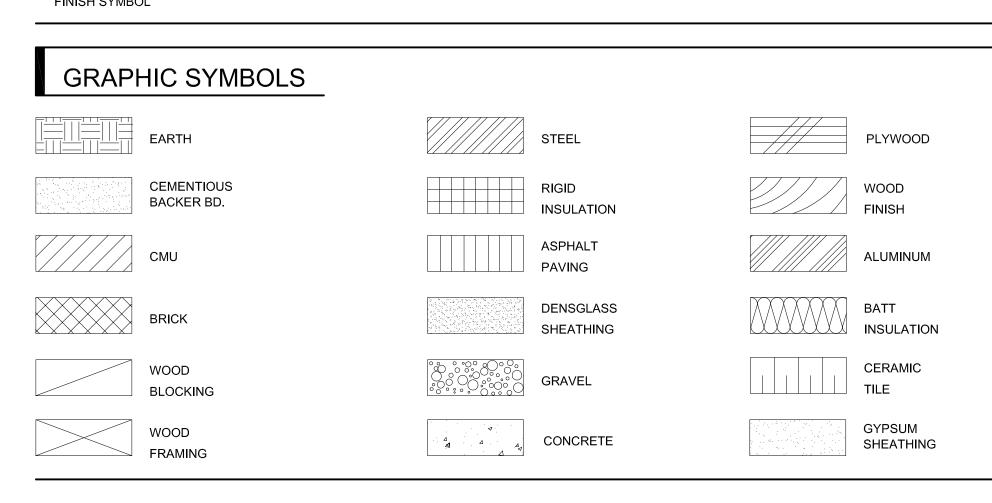
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DIVISION OF JUVENILE JUSTICE SERVICES PROVO DETENTION - LIGHTNING PEAK ROOFING IMPROVEMENTS

ARCHITECT:

AXIS ARCHITECTS

phone (801)355-3003

fax (801)355-0113

352 South Denver St. Suite 205

Salt Lake City, Utah 84111

Alan Turner, AAIA

1955 SOUTH DAKOTA LANE PROVO, UTAH 84606

PROJECT TEAM

State of Utah - Division of Facilities

Construction & Management.

4110 State Office Building

phone (801) - 537-9210

fax (801) - 538-3267

Salt Lake City, Utah 84114

Micheal Ambre

AUGUST 10, 2007

DRAWING INDEX

GI101 GENERAL INFORMATION

AD101 EXISTING ROOF PLAN

NOTE: THE SHEETS LISTED ABOVE REPRESENT A FULL

SET OF CONSTRUCTION DOCUMENTS AND INCLUDE A

INCLUDING BUT NOT LIMITED TO DRAWINGS, DETAILS,

ARCHITECTURAL

AE101 ROOF PLAN

DFCM PROJECT # 07152430



State of Utah-Department of Administrative Services

DIVISION OF FACILITIES CONSTRUCTION AND MANAGEMENT 4110 State Office Building/Salt Lake City, Utah 84114/538-3018

K. Fire Resistance Rating Requirements for Building Elements (hours). Bearing walls - Interior: Exterior Non-Bearing Walls: Structural Frame: Partitions: Shafts: Floors - Ceilings: - 1 Exit Required L. Design Occupant Load: NA Exit Width Provided: NA Exit Width Required: NA

M. Minimum Number of Required Plumbing Facilities:

- a) Water Closets Required (m) NA (f) NA Provided (m) b) Lavatories - Required (m) <u>NA</u> (f) <u>NA</u> Provided (m) ____ (f) ____
- c) Bath Tubs or Showers: <u>NA</u> d) Drinking Fountains: <u>NA</u> Service Sinks: <u>NA</u>

FOOTNOTES:

International Energy

Conservation Code

B. Seismic Design Category: ____

C. Type of Construction (circle one):

separation distance (in hours):

H: Actual Area per Floor (square feet):

c) Total Allowable Area for: 1) One Story: NA

2) Two Story: A_a(2)_____

3) Three Story: A_a(3)_____

Area Modifications:

G: Number of Stories: 1 Building Height: 13'

b) Sum of the Ratio Calculations for Mixed Occupancies:

Required: NA Provided: Yes Type of Sprinkler System: NA

Aa= 15,500 + [15,500 x 75/100] + [15,500 x 300/100] = 15,500 + 11,626 + 46,500 = ?

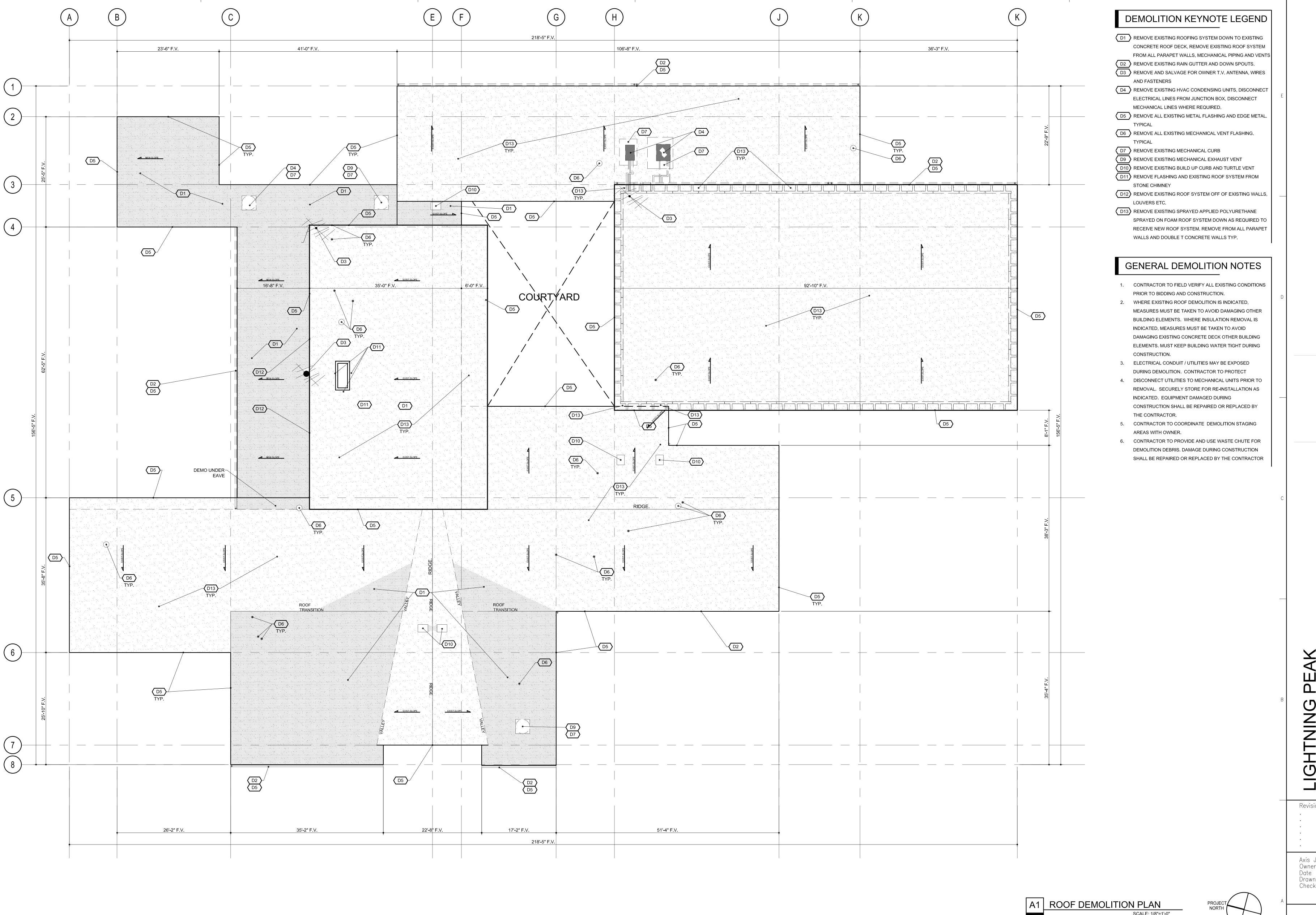
d) Unlimited Area Building: Yes NA No NA Code Section: NA

- 1) In case of conflict with the U.S. Department of Justice Federal Registers Parts I through **▼** - ADA Guidelines and specific reference to the International Building Code Accessibility Chapters, the more restrictive requirement shall govern.
- Additional Code Information shall be provided at the discretion of the Building Official for Complex Buildings. Including, but not limited to:
 - a) High Rise Requirements.
 - b) Atriums c) Performance Based Criteria.
 - d) Means or Egress Analysis.
 - e) Fire Assembly Locator Sheet.
 - f) Exterior and Interior Accessibility Route.
 - g) Fire Stopping, Including Tested Design Number.

 - All Roofing material manufacturers are required to meet or exceed the manufacturing UL assembly # as outlined in the Underwriters Laboratories, Inc. Roofing Materials and Systems Directory Book

PROVO DETENTION LIGHTNING PEAK ROOFING IMPROVEMENTS

- STEVENS ROOFING SYSTEM, DIV OF JPS ELASTOMERICS, CORP. 9 Sullivan Road Holyoke, MA 01040
- UL R10321 Class A fully Adhered Stevens "EP TOP" Single Ply membrane systems -
- **GENFLEX ROOFING SYSTEMS** Suite A 1722 Indian Wood Circle Maumee, OH 43537
- UL R9334
- PVC, Fully Adhered Method or TPO Fully Adhered Method
- Please note: All Other manufacturers will be reviewed for approval prior to bid. All UL manufacturer assembly criteria must be provided to the architect or owner for review and approval prior to bidding.



GHTNING PEAK IVISION OF JUVENILE JUSTICE

Revision # Date

. . . Axis Job # **0716-DFCI** Owner #

Axis Job # 0716-DFCM
Owner #
Date 08/10/2007
Drawn AWH-SLF
Checked AT

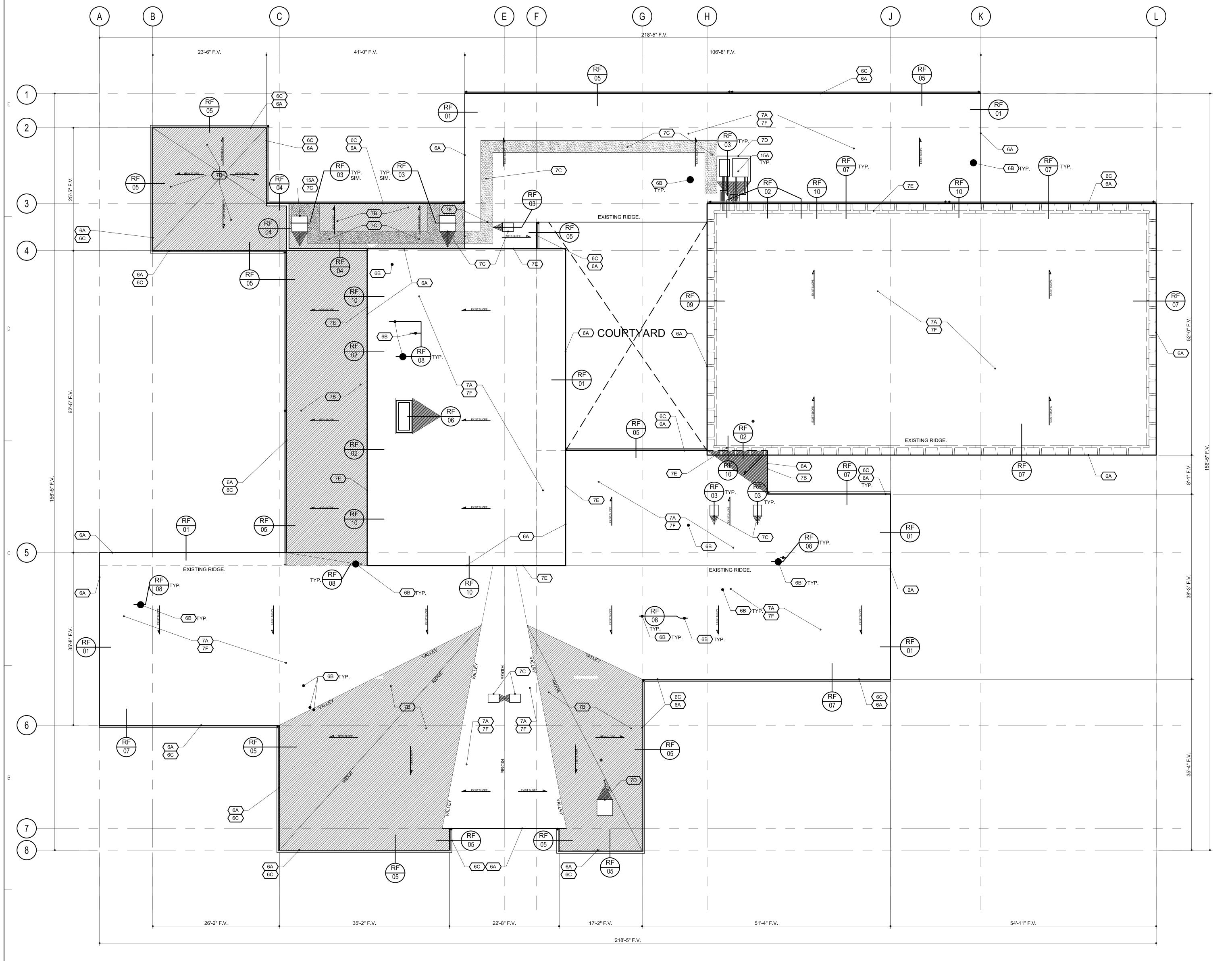
DEMOLITION PLAN

AD101



Revision # Date

Axis Job # 0716-DFCM
Owner #
Date 08/10/2007
Drawn AWH
Checked -



KEYNOTE LEGEND

6A. NEW PRE FINISHED METAL GRAVEL STOP AT EDGE OF ROOF 6B. NEW VENT FLASHING. VERIFY EXISTING VENTS EXTEND 8"

MIN. ABOVE NEW ROOF MEMBRANE. 6C. NEW PRE FINISHED METAL RAIN GUTTER WITH DOWN SPOUTS AND SPLASH BLOCKS AT 30' O.C. - EXACT LOCATION TO BE COORDINATED WITH OWNER AND ARCHITECT.

7. THERMAL AND MOISTURE PROTECTION:

7A. NEW FULLY ADHERED SINGLE PLY MEMBRANE. OVER 1/2" DENS DECK SHEATHING, OVER EXISTING ROOFING

7B. NEW FULLY ADHERED SINGLE PLY MEMBRANE OVER NEW TAPERED RIGID INSULATION, SLOPE RIGID INSULATION TO A MINIMUM OF 1/8" / FT. TO DRAIN. OVER 1/2" DENS DECK PRIME OVER EXISTING CONCRETE ROOF DECK.

7C. 30" WIDE NEW WALKABLE MEMBRANE OVER NEW

7D. NEW WOOD CURB MIN. 8" ABOVE NEW ROOF MEMBRANE VERTICAL ABOVE EXISTING RIGID INSULATION. FILL CENTER VOID WITH BLOCKING AND RIGID INSULATION. COVER NEW PLATFORM WITH NEW PRE FINISHED METAL CAP OVER 2 LAYERS OF 1/2" PLYWOOD SHEATHING, APPLY SEALANT AT EACH FASTENER. INSTALL NEW

7E. FULLY ADHERE SINGLE PLY MEMBRANE AT ALL VERTICAL SURFACES TYPICAL.

7F. EXISTING SLOPE TO REMAIN

CRICKET TO DRAIN.

15. MECHANICAL AND PLUMBING:

15A) REINSTALL ALL MECHANICAL AND ELECTRICAL EQUIPMENT

GENERAL NOTES

 CONTRACTOR TO FIELD VERIFY THE SIZE AND LOCATION OF ALL EQUIPMENT AND PENETRATIONS INDICATED ON THE CONSTRUCTION DOCUMENTS 2. CONTRACTOR MUST MAINTAIN A WATER TIGHT

BUILDING FROM DEMOLITION THROUGH COMPLETION OF CONSTRUCTION. 3. CONTRACTOR TO VERIFY ALL VENT STACKS AND MECHANICAL CURBS MEET THE MINIMUM 8"

CLEARANCE ABOVE NEW FINISHED ROOF. 4. VERIFY ALL DIMENSIONS IN FIELD PRIOR TO BID. 5. DISCONNECT POWER AND UTILITIES TO ALL ROOF EQUIPMENT PRIOR DEMOLITION AND CONSTRUCTION.

A1 ROOF PLAN